

main nodes :

1 9 17 19 22 23 25 26 27 28 29 30

ng nodes :

2 3 4 5 6 7 10 11 12 13 14 15

main bonds :

2-9 9-12 17-19 19-23 19-22 19-28 25-27 25-26 25-28 27-29 29-30

ng bonds :

2-3 2-7 3-4 4-5 5-6 6-7 10-11 10-15 11-12 12-13 13-14 14-15

xact/norm bonds :

2-9 9-12 17-19 19-23 19-22 19-28 25-27 25-26 25-28 27-29 29-30

ormalized bonds :

2-3 2-7 3-4 4-5 5-6 6-7 10-11 10-15 11-12 12-13 13-14 14-15

olated ring systems :

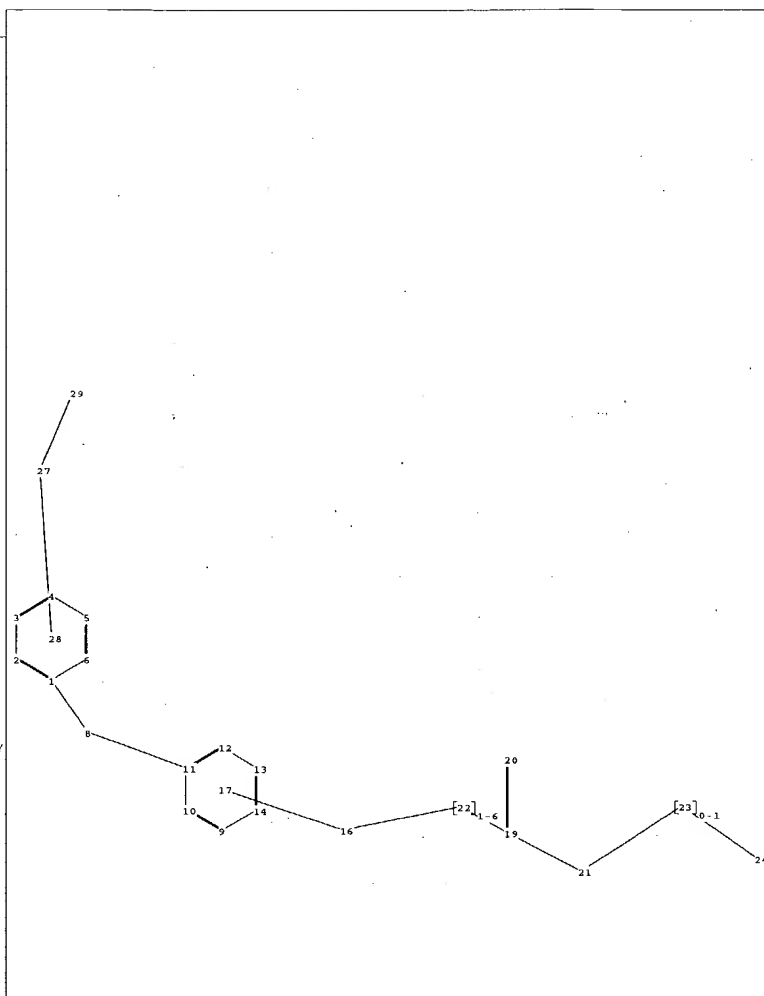
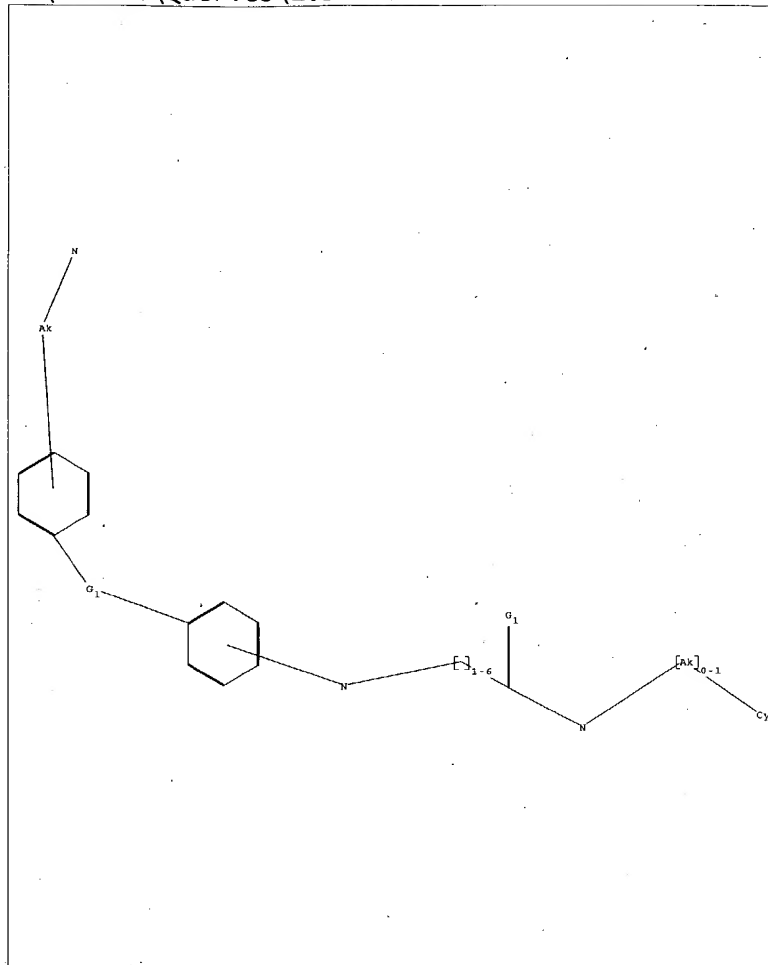
containing 2 : 10 :

1:O,S

2:H,CH3,OH,NH2,F

atch level :

1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 9:CLASS 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 17:CLASS 18:CLASS 19:CLASS 20:CLASS 22:CLASS 23:CLASS
25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:Atom



chain nodes :

8 16 19 20 21 22 23 24 27 29

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

chain bonds :

1-8 8-11 16-22 19-21 19-20 19-22 21-23 23-24 27-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-8 8-11 16-22 19-21 19-20 21-23 23-24 27-29

exact bonds :

19-22

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

isolated ring systems :

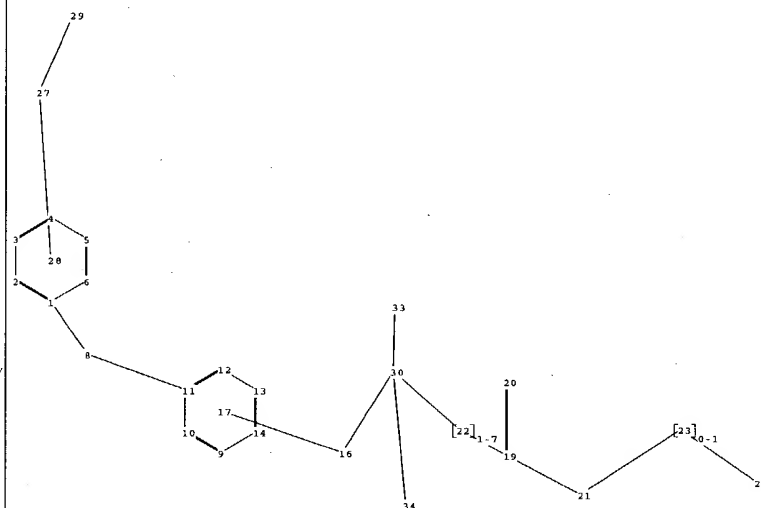
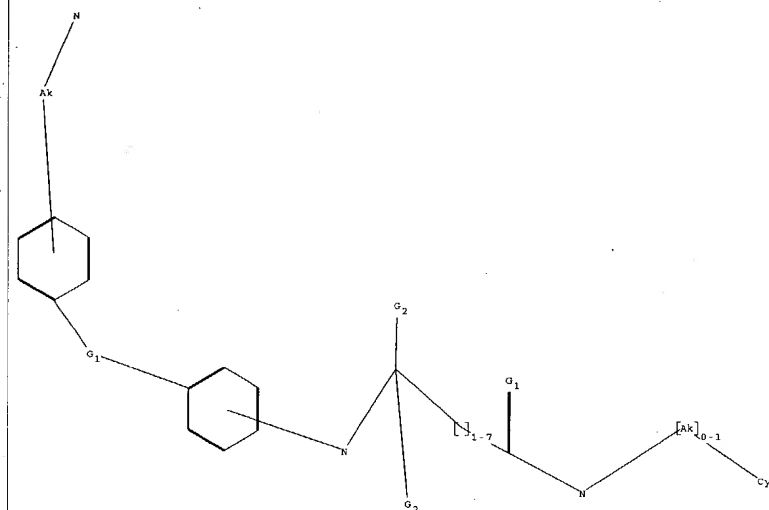
containing 1 : 9 :

G1:O,S

G2:H,CH3,OH,NH2,F

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 27:CLASS 28:CLASS 29:CLASS



chain nodes :

8 16 19 20 21 22 23 24 27 29 30 33 34

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

chain bonds :

1-8 8-11 16-30 19-21 19-20 19-22 21-23 22-30 23-24 27-29 30-33 30-34

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-8 8-11 16-30 19-21 19-20 21-23 23-24 27-29 30-33 30-34

exact bonds :

19-22 22-30

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

isolated ring systems :

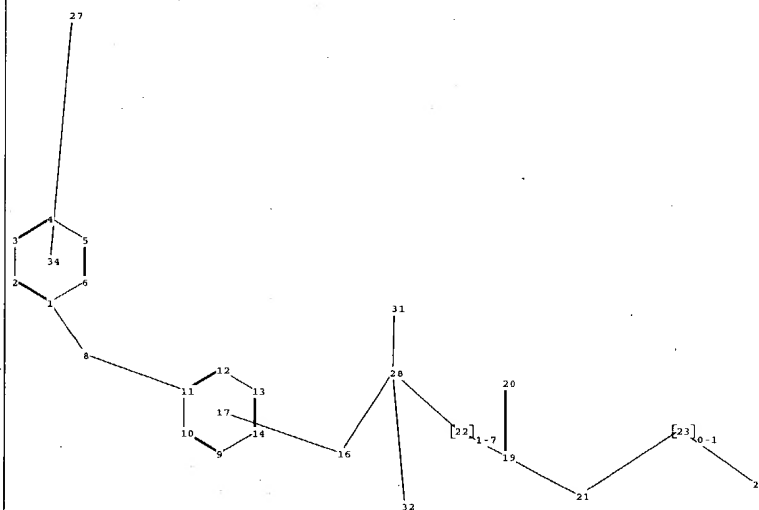
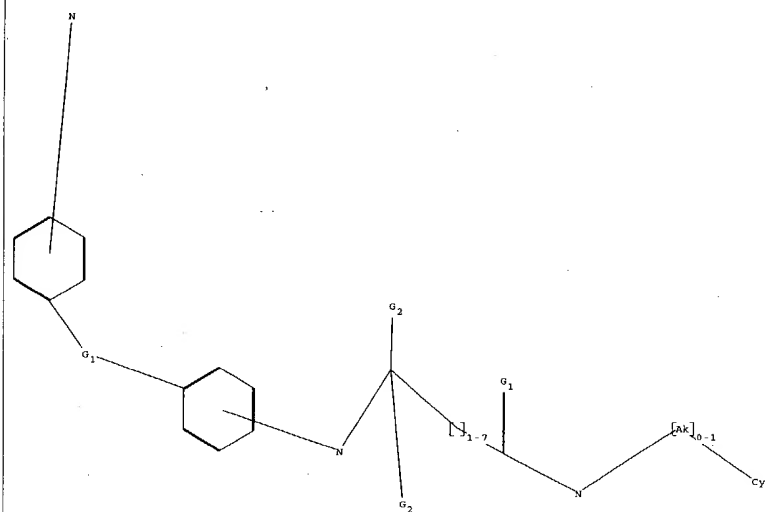
containing 1 : 9 :

G1:O,S

G2:H,CH3,OH,NH2,F

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS 33:CLASS 34:CLASS



chain nodes :

8 16 19 20 21 22 23 24 27 28 31 32

ring nodes :

1 2 3 4 5 6 9 10 11 12 13 14

chain bonds :

1-8 8-11 16-28 19-21 19-20 19-22 21-23 22-28 23-24 28-31 28-32

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-8 8-11 16-28 19-21 19-20 21-23 23-24 28-31 28-32

exact bonds :

19-22 22-28

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14

isolated ring systems :

containing 1 : 9 :

G1:O,S

G2:H,CH3,OH,NH2,F

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 27:CLASS 28:CLASS 31:CLASS 32:CLASS 34:CLASS

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
 and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
 CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
 changes
NEWS 6 MAR 03 MEDLINE and LMedLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 13 APR 26 PROMT: New display field available
NEWS 14 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
 available
NEWS 15 APR 26 LITAlert now available on STN
NEWS 16 APR 27 NLDB: New search and display fields available

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8

DICTIONARY FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

L1 STRUCTURE UPLOADED

=> 11

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> d 11

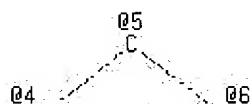
L1 HAS NO ANSWERS

L1 STR

H 28 C 00 0 01 NM2 F 32

0 26 S 27

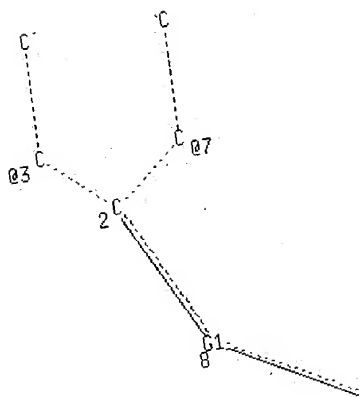
N 01



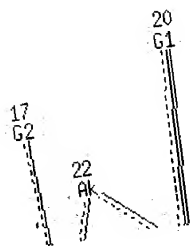
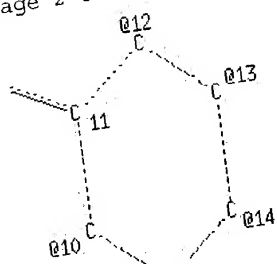
Page 1-C

AK 23

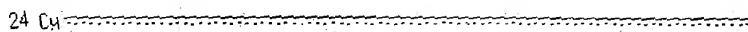
Page 2-A



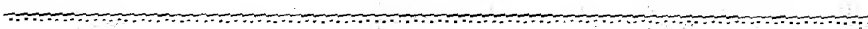
Page 2-C



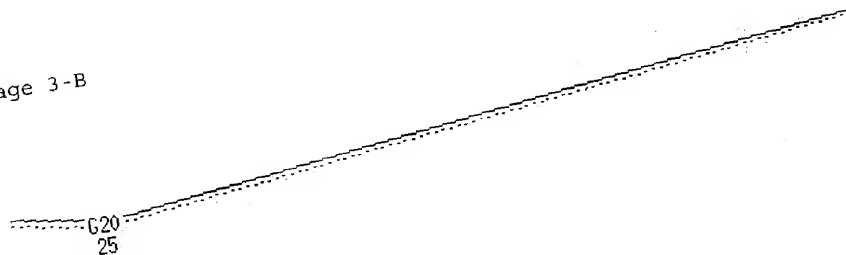
Page 2-D



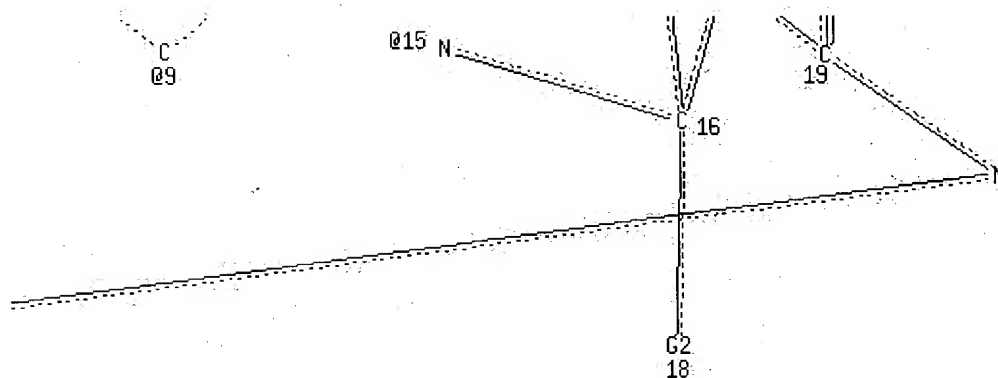
page 3-A



Page 3-B



Page 3-C



Page 3-D

21

Page 3-E

VAR G1=26/27

VAR G2=28/29/30/31/32

REP G20=(0-1) 23-21 23-24

VPA 15-9/10/12/13/14 S

VPA 1-3/4/5/6/7 S

NODE ATTRIBUTES:

HCOUNT	IS M3	AT	29
HCOUNT	IS M1	AT	30
HCOUNT	IS M2	AT	31
NSPEC	IS C	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS R	AT	7
NSPEC	IS C	AT	8
NSPEC	IS R	AT	9
NSPEC	IS R	AT	10
NSPEC	IS R	AT	11
NSPEC	IS R	AT	12
NSPEC	IS R	AT	13
NSPEC	IS R	AT	14
NSPEC	IS C	AT	15
NSPEC	IS C	AT	16
NSPEC	IS C	AT	17
NSPEC	IS C	AT	18
NSPEC	IS C	AT	19
NSPEC	IS C	AT	20
NSPEC	IS C	AT	21
NSPEC	IS C	AT	22
NSPEC	IS C	AT	23
NSPEC	IS C	AT	24
NSPEC	IS C	AT	25

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 1 15 16 19 21 22 23 26 27 28 29 30 31 32

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 32

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 19:34:07 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 3915 TO ITERATE

25.5% PROCESSED 1000 ITERATIONS 0 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 74549 TO 82051
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 19:34:11 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 78237 TO ITERATE

100.0% PROCESSED 78237 ITERATIONS 2 ANSWERS
 SEARCH TIME: 00.00.04

L3 2 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	159.62	159.83

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004
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FILE COVERS 1907 - 6 May 2004 VOL 140 ISS 19
 FILE LAST UPDATED: 5 May 2004 (20040505/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 1 L3

=> d 14, ibib abs fhitr, 1

L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

Full Text	Citing References
--------------	----------------------

ACCESSION NUMBER: 1987:578176 HCAPLUS
 DOCUMENT NUMBER: 107:178176
 TITLE: Use of aromatic amines for setting epoxide resins
 INVENTOR(S): Nichols, Gus
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S., 9 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4668757	A	19870526	US 1984-593592	19840326
PRIORITY APPLN. INFO.:			US 1984-593592	19840326

AB Arom. amines and their alkyl, imine, amide, and/or imide group-contg. derivs. are used with epoxy resins and catalysts comprising phenols, cresols, etc., in the prepn. of compns. which cure at ambient temps. The compns. are useful as 2-component coating or casting systems. Condensing 2.0 mol 2,4-bis(p-aminobenzyl)aniline with 3.0 mol phthalic anhydride to remove 3.0 mol H₂O gave an imide-amine, which (47 g) was mixed with 28 g iso-BuCOMe and 25 g toluene to give a soln. The soln. was mixed an equal amt. of a soln. comprising Epon 828 51.3, o-cresol 5, toluene 12, and iso-BuCOMe 31.7 g to give a coating compn. which had pot life 1.5 h and gave coatings which were tackfree after 3 h and hard after 12 h. Without o-cresol, the films remained tacky for weeks.

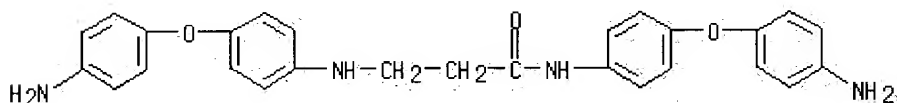
IT 110712-35-1D, reaction products with tetraethylene glycol diacrylate and hydroxypropyl acrylate

RL: USES (Uses)

(curing by, of epoxy resins in presence of phenol catalysts)

RN 110712-35-1 HCAPLUS

CN Propanamide, N-[4-(4-aminophenoxy)phenyl]-3-[[4-(4-aminophenoxy)phenyl]amino]- (9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

7.12	166.95
------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-0.69	-0.69
-------	-------

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

=> s l3

L5 0 L3

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	167.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

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STRUCTURE FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8
DICTIONARY FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer

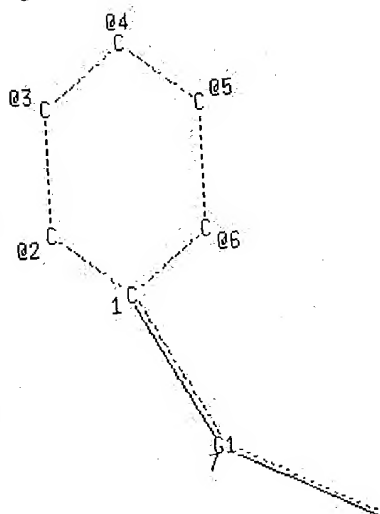
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
 L6 STRUCTURE UPLOADED

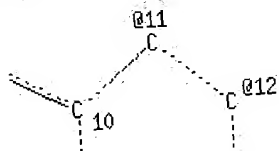
=> d 16
 L6 HAS NO ANSWERS
 L6 STR
 0 25 3 26



Page 1-C



Page 2-C



16
 G1

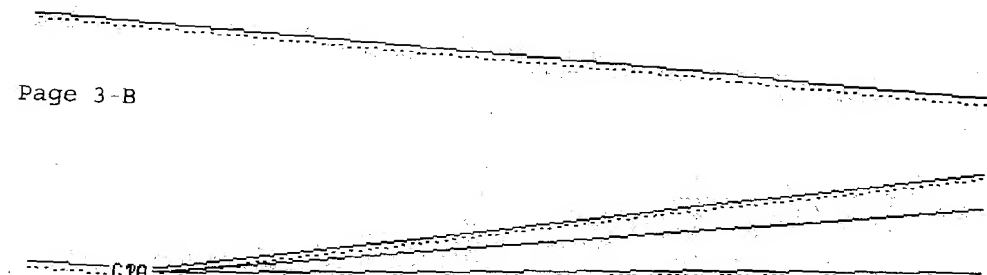
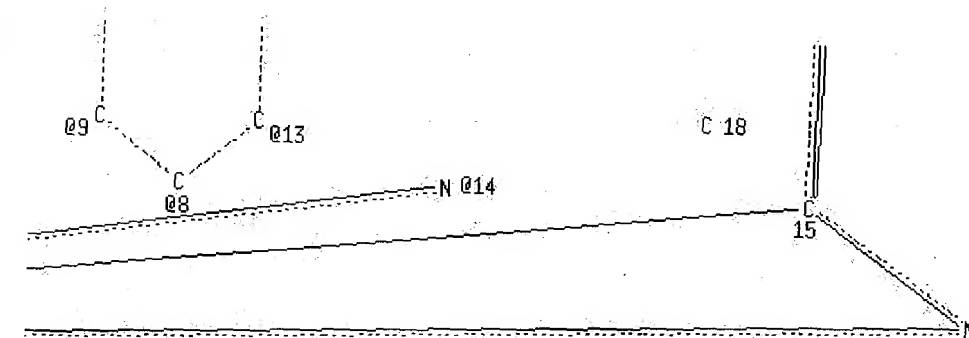
Page 2-D

Ak 19

20 Cu

Page 3-A

Page 3-B


 Page 3-C


Page 3-D

17

Page 3-E

VAR G1=25/26

REP G19=(1-6) 18-15 18-14

REP G20=(0-1) 19-17 19-20

VPA 14-8/9/11/12/13 S

VPA 22-2/3/4/5/6 S

NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7
NSPEC	IS R	AT	8
NSPEC	IS R	AT	9
NSPEC	IS R	AT	10
NSPEC	IS R	AT	11
NSPEC	IS R	AT	12
NSPEC	IS R	AT	13
NSPEC	IS C	AT	14
NSPEC	IS C	AT	15
NSPEC	IS C	AT	16
NSPEC	IS C	AT	17
NSPEC	IS C	AT	18
NSPEC	IS C	AT	19
NSPEC	IS C	AT	20
NSPEC	IS C	AT	21
NSPEC	IS C	AT	22
NSPEC	IS C	AT	23
NSPEC	IS C	AT	24

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 14 15 17 18 19 22 23 25 26

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

L6 STRUCTURE UPLOADED

=> s 16

SAMPLE SEARCH INITIATED 19:39:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1247 TO ITERATE

80.2% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

19 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 22822 TO 27058

PROJECTED ANSWERS: 181 TO 765

L7 19 SEA SSS SAM L6

=> s 16 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 19:39:45 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 26421 TO ITERATE

100.0% PROCESSED 26421 ITERATIONS
SEARCH TIME: 00.00.01

376 ANSWERS

L8 376 SEA SSS FUL L6

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

158.36	325.73
--------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00

-0.69

FILE 'HCAPLUS' ENTERED AT 19:39:49 ON 06 MAY 2004
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FILE COVERS 1907 - 6 May 2004 VOL 140 ISS 19
FILE LAST UPDATED: 5 May 2004 (20040505/ED)

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=> s 18

L9 1 L8

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

L6 STRUCTURE UPLOADED

L7 19 S L6

L8 376 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 19:39:49 ON 06 MAY 2004

L9 1 S L8

=> s 19 not 14

L10 1 L9 NOT L4

=> d 110, ibib abs fhitrstr, 1

L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

Full
Text

Citing
References

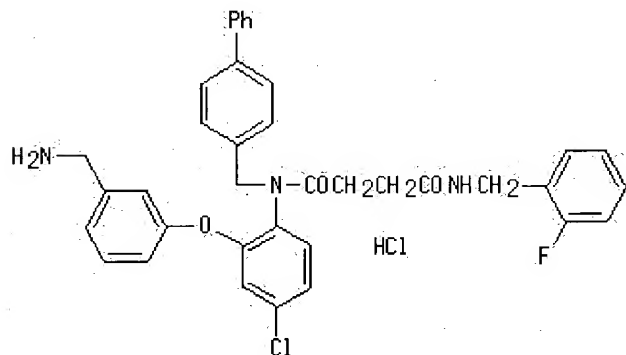
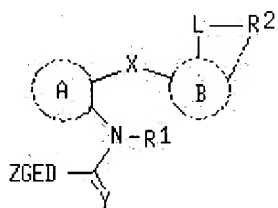
ACCESSION NUMBER: 2000:277959 HCAPLUS

DOCUMENT NUMBER: 132:321662
 TITLE: Preparation of aromatic amine derivatives and agents containing the same
 INVENTOR(S): Oi, Satoru; Suzuki, Nobuhiro; Aso, Kazuyoshi; Banno, Yoshihiro
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 309 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000023420	A1	20000427	WO 1999-JP5755	19991019
W: AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9961246	A1	20000508	AU 1999-61246	19991019
JP 2000191615	A2	20000711	JP 1999-297129	19991019
EP 1123918	A1	20010816	EP 1999-947962	19991019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: JP 1998-298940 A 19981020
 WO 1999-JP5755 W 19991019

OTHER SOURCE(S): MARPAT 132:321662
 GI



AB Title compds. [I; wherein A is an optionally substituted arom. ring; B is

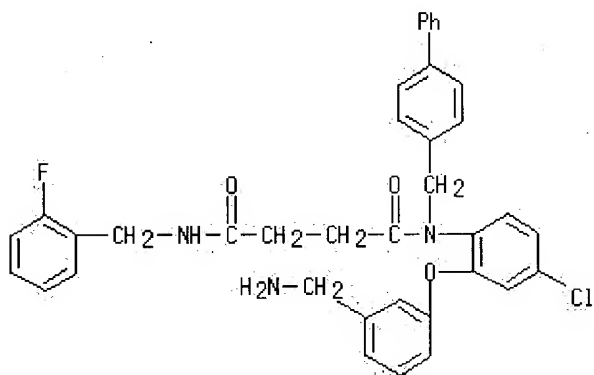
an optionally substituted cyclic hydrocarbon oxy group; Z is an optionally substituted cyclic hydrocarbon group; R1 is hydrogen, optionally substituted hydrocarbyl, an optionally substituted heterocyclic group, or acyl; R2 is optionally substituted amino; D is a free valency or a divalent group; E is CO, CON(Ra), COO, N(Ra)CON(Rb), N(Ra)SO2, N(Ra), O, S, SO, SO2; G is a free valency or a divalent group; L is a free valency, an optionally substituted divalent hydrocarbon group which may be interrupted by O or S, or the like; X is oxygen, optionally oxidized sulfur, optionally substituted nitrogen, or an optionally substituted divalent hydrocarbon group; Y is two hydrogen atoms, oxygen, or sulfur; and the dotted line indicates that R2 and an atom on ring B may together form a ring] and salts are prepd. and tested as somatostatin receptor regulators. Thus, the title compd. II was prepd. in treatment or prevention of diabetes and obesity.

IT **266364-49-2P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arom. amine derivs. and agents contg. the same as somatostatin receptor regulators)

RN 266364-49-2 HCAPLUS

CN Butanediamide, N-[2-[3-(aminomethyl)phenoxy]-4-chlorophenyl]-N-([1,1'-biphenyl]-4-ylmethyl)-N'-[(2-fluorophenyl)methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold

COST IN U.S. DOLLARS

SINCE FILE
ENTRYTOTAL
SESSION

FULL ESTIMATED COST

7.12

332.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRYTOTAL
SESSION

CA SUBSCRIBER PRICE

-0.69

-1.38

FILE 'CAOLD' ENTERED AT 19:40:26 ON 06 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

L6 STRUCTURE UPLOADED
L7 19 S L6
L8 376 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 19:39:49 ON 06 MAY 2004

L9 1 S L8
L10 1 S L9 NOT L4

FILE 'CAOLD' ENTERED AT 19:40:26 ON 06 MAY 2004

=> s 18

L11 0 L8

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	333.27
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.38

FILE 'REGISTRY' ENTERED AT 19:40:34 ON 06 MAY 2004

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STRUCTURE FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8
DICTIONARY FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

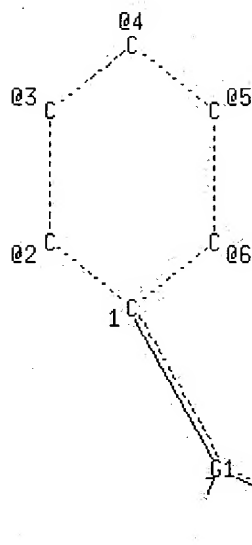
=>
L12 STRUCTURE UPLOADED

=> d 112
L12 HAS NO ANSWERS
L12 STR
H 30 C 0 0 0 NM2 F 34

0 28 S 29

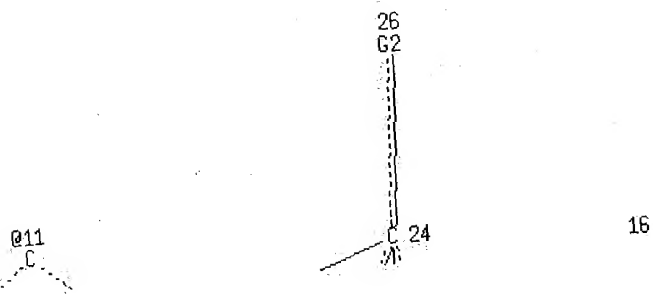


Page 1-C

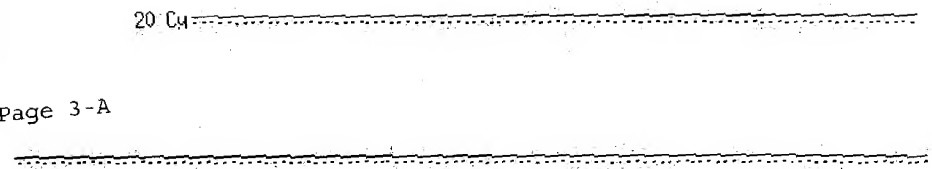


Page 2-C

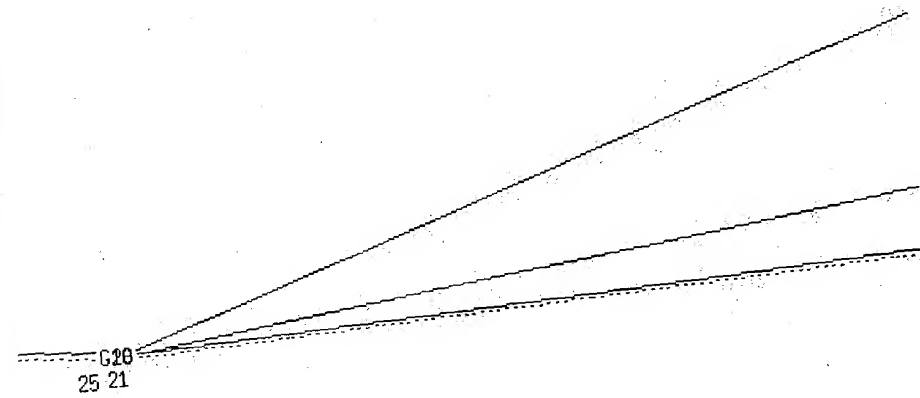
Page 2-D
Ak 19



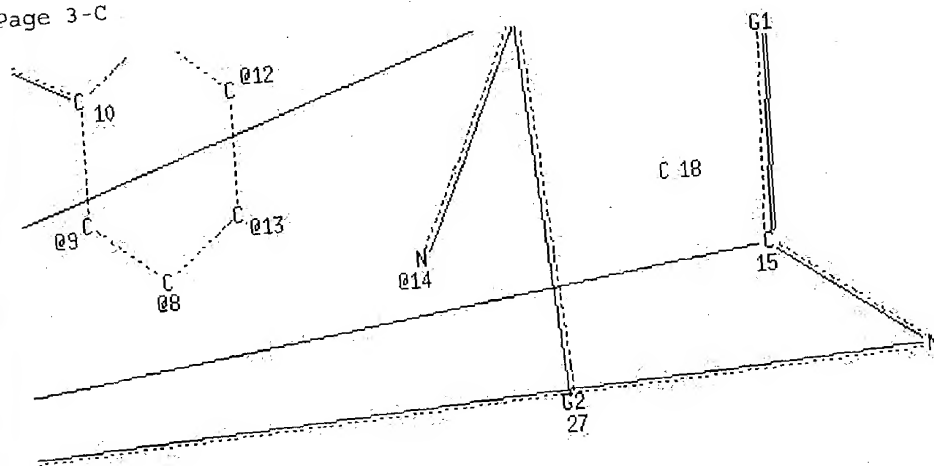
Page 3-A



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Page 3-C



Page 3-D

17

Page 3-E

VAR G1=28/29

VAR G2=30/31/32/33/34

REP G19=(1-7) 18-15 18-24

REP G20=(0-1) 19-17 19-20

VPA 14-8/9/11/12/13 S

VPA 22-2/3/4/5/6 S

NODE ATTRIBUTES:

HCOUNT	IS	M3	AT	31
HCOUNT	IS	M1	AT	32
HCOUNT	IS	M2	AT	33
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
NSPEC	IS	R	AT	6
NSPEC	IS	C	AT	7
NSPEC	IS	R	AT	8
NSPEC	IS	R	AT	9
NSPEC	IS	R	AT	10
NSPEC	IS	R	AT	11
NSPEC	IS	R	AT	12
NSPEC	IS	R	AT	13
NSPEC	IS	C	AT	14
NSPEC	IS	C	AT	15
NSPEC	IS	C	AT	16
NSPEC	IS	C	AT	17
NSPEC	IS	C	AT	18
NSPEC	IS	C	AT	19
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NSPEC	IS	C	AT	22
NSPEC	IS	C	AT	23
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NSPEC	IS	C	AT	25
NSPEC	IS	C	AT	26
NSPEC	IS	C	AT	27

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 14 15 17 18 19 22 23 24 28 29 30 31 32 33 34

DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 34

STEREO ATTRIBUTES: NONE

=> s 112

SAMPLE SEARCH INITIATED 19:43:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 824 TO ITERATE

100.0% PROCESSED 824 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 14758 TO 18202
 PROJECTED ANSWERS: 4 TO 200

L13 4 SEA SSS SAM L12

=> s l12 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
 FULL SEARCH INITIATED 19:43:09 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 17509 TO ITERATE

100.0% PROCESSED 17509 ITERATIONS 109 ANSWERS
 SEARCH TIME: 00.00.02

L14 109 SEA SSS FUL L12

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED
 L2 0 S L1
 L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

L6 STRUCTURE UPLOADED
 L7 19 S L6
 L8 376 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 19:39:49 ON 06 MAY 2004

L9 1 S L8
 L10 1 S L9 NOT L4

FILE 'CAOLD' ENTERED AT 19:40:26 ON 06 MAY 2004

L11 0 S L8

FILE 'REGISTRY' ENTERED AT 19:40:34 ON 06 MAY 2004

L12 STRUCTURE UPLOADED
 L13 4 S L12
 L14 109 S L12 FULL

=> s l14 not 18

L15 0 L14 NOT L8

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	157.10	490.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.38

FILE 'HCAPLUS' ENTERED AT 19:43:23 ON 06 MAY 2004
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FILE COVERS 1907 - 6 May 2004 VOL 140 ISS 19
 FILE LAST UPDATED: 5 May 2004 (20040505/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l14

L16 1 L14

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.36	492.73
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.38

FILE 'REGISTRY' ENTERED AT 19:43:30 ON 06 MAY 2004
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STRUCTURE FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8
 DICTIONARY FILE UPDATES: 5 MAY 2004 HIGHEST RN 680179-46-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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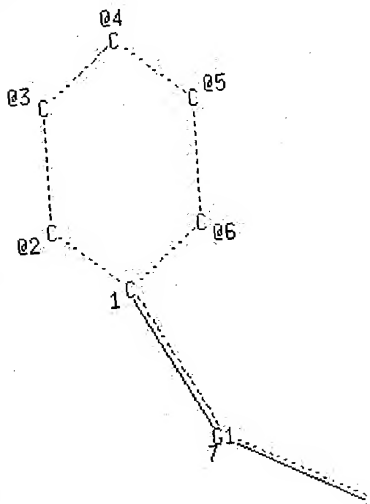
L17 STRUCTURE UPLOADED

=> d 117
 L17 HAS NO ANSWERS
 L17 STR
 H 20 C 33 0 32 NM2 F 33

0 27 S 28

N 022

Page 1-C



Page 2-C



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Ak 19

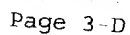
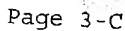


16

20 C4

Page 3-A

Page 3-B*



Page 3-E

VAR G2=29/30/31/32/33

REP G20 = (0-1) 19-17 19-20

VPA 22-2/3/4/5/6 S

HCOUNT IS M3 AT 30

PROFILES:			
HCOUNT	IS M3	AT	30
HCOUNT	IS M1	AT	31
HCOUNT	IS M2	AT	32
NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS C	AT	7
NSPEC	IS R	AT	8
NSPEC	IS R	AT	9
NSPEC	IS R	AT	10
NSPEC	IS R	AT	11
NSPEC	IS R	AT	12

NSPEC IS R AT 13
 NSPEC IS C AT 14
 NSPEC IS C AT 15
 NSPEC IS C AT 16
 NSPEC IS C AT 17
 NSPEC IS C AT 18
 NSPEC IS C AT 19
 NSPEC IS C AT 20
 NSPEC IS C AT 21
 NSPEC IS C AT 22
 NSPEC IS C AT 23
 NSPEC IS C AT 24
 NSPEC IS C AT 25
 NSPEC IS C AT 26
 DEFAULT MLEVEL IS ATOM
 MLEVEL IS CLASS AT 14 15 17 18 19 22 23 27 28 29 30 31 32 33
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 33

STEREO ATTRIBUTES: NONE

=> s 117

SAMPLE SEARCH INITIATED 19:45:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 824 TO ITERATE

100.0% PROCESSED 824 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 14758 TO 18202

PROJECTED ANSWERS: 0 TO 0

L18 0 SEA SSS SAM L17

=> s 117 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 19:45:12 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 17509 TO ITERATE

100.0% PROCESSED 17509 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L19 2 SEA SSS FUL L17

=> d his

(FILE 'HOME' ENTERED AT 19:27:38 ON 06 MAY 2004)

FILE 'REGISTRY' ENTERED AT 19:27:45 ON 06 MAY 2004

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 2 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 19:34:17 ON 06 MAY 2004

L4 1 S L3

FILE 'CAOLD' ENTERED AT 19:34:46 ON 06 MAY 2004

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 19:34:52 ON 06 MAY 2004

L6 STRUCTURE UPLOADED

L7 19 S L6

L8 376 S L6 FULL

FILE 'HCAPLUS' ENTERED AT 19:39:49 ON 06 MAY 2004

L9 1 S L8

L10 1 S L9 NOT L4

FILE 'CAOLD' ENTERED AT 19:40:26 ON 06 MAY 2004

L11 0 S L8

FILE 'REGISTRY' ENTERED AT 19:40:34 ON 06 MAY 2004

L12 STRUCTURE UPLOADED

L13 4 S L12

L14 109 S L12 FULL

L15 0 S L14 NOT L8

FILE 'HCAPLUS' ENTERED AT 19:43:23 ON 06 MAY 2004

L16 1 S L14

FILE 'REGISTRY' ENTERED AT 19:43:30 ON 06 MAY 2004

L17 STRUCTURE UPLOADED

L18 0 S L17

L19 2 S L17 FULL

=> s l19 not l3

L20 0 L19 NOT L3

=>